

J1050 U.S. PTO
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BOSTON, MASSACHUSETTS 02109-2891

TELEPHONE (617) 248-5000

FACSIMILE (617) 248-4000

Box Patent Application
Assistant Commissioner for Patents
Washington, DC 20231

Express Mail No.: EK896796625US
Attorney Docket No.: 0492611-0395
Date Filed: June 25, 2001

UTILITY PATENT APPLICATION TRANSMITTAL

(for new nonprovisional applications under 37 C.F.R. § 1.53(b))

Dear Sir:

Please find enclosed a patent application and papers as follows for:

Inventor(s):

Given Name (first and middle)	Family Name or Surname	Residence (City and State or Foreign Country)
Yonina C.	Eldar	Cambridge, MA
Alan V.	Oppenheim	Lexington, MA

Title of the Invention: Correlation Shaping Multi-Signature Receiver

A) APPLICATION ELEMENTS:

- 1) **Fee Transmittal Form** (original and duplicate submitted for fee processing)
- 2) **Applicant Claims Small Entity Status** (see 37 C.F.R. § 1.27)
 - a) Statement Verifying Small Entity Status (optional)

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3) Specification

TOTAL PAGES: 27

- Descriptive Title of the Invention
- Cross References to Related Applications (if applicable)
- Statement Regarding Federally Sponsored R & D (if applicable)
- Reference to sequence listing, a table, or a computer program listing appendix
- Background of the Invention
- Summary of the Invention
- Description of the Drawing (if filed)
- Detailed Description of the Invention
- Claim(s)
- Abstract of the Invention

4) **Drawing(s)** (35 U.S.C. § 113)

TOTAL SHEETS: 2

a) Formal Drawings (if checked)

5) Oath or Declaration

TOTAL PAGES:

a) Newly Executed (original or copy)

b) Copy from a prior application (37 C.F.R. § 1.63(d))-for continuation/divisional application

i) Deletion of inventor(s): Signed Statement deleting inventor(s) named in the prior application, see 37 C.F.R. §§ 1.63(d)(2) and 1.33(b).

c) Unexecuted

6) Application Data Sheet. See 37 C.F.R. § 1.76.

7) CD-ROM or CD-R in duplicate, large table or Computer Program
(Appendix)

8) Nucleotide and/or Amino Acid Sequence Submission (if applicable, all are necessary)

a) Computer Readable Form (CRF)

b) Specification Sequence Listing on:

i) CD-ROM or CD-R (2 copies); or

ii) Paper

c) Statements verifying identity of above copies

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B) ACCOMPANYING APPLICATION PARTS:

- 9) **Assignment Papers** (cover sheet & document(s))
- 10) **37 C.F.R. § 3.73(b) Statement** (when there is an assignee)
- 11) **Power of Attorney**
- 12) **English Translation Document** (if applicable)
- 13) **Information Disclosure Statement (IDS)/PTO-1449**
- 14) **Copies of IDS Citations**
- 15) **Preliminary Amendment**
- 16) **Return Receipt Postcard (MPEP 503)** (specifically itemized)
- 17) **Certified Copy of Priority Document(s)** (if foreign priority is claimed)
- 18) **Request for Nonpublication**
- 18) **OTHER:** (if applicable, specified below)

C) FOR CONTINUING APPLICATIONS: (the appropriate box is checked, and certain information is provided below and in a preliminary amendment)

continuation divisional continuation-in-part (CIP)

of prior application no.: _____

filed: _____

examiner: _____

group/art unit: _____

for continuation or divisional applications only: The entire disclosure of the prior application, from which an oath or declaration is supplied as detailed above, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference.

D.) PRIORITY CLAIM(S):

This application claims the benefit under 35 U.S.C. § 120 of any United States application(s) or PCT international application(s) designating the United States of America listed below:

Application Serial No. Filing date Status (patented, pending, abandoned)

This application claims the benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below:

Application Serial No. Filing date Status (pending, expired, abandoned)
60/269,941 February 20, 2001 pending

E) METHOD OF PAYMENT OF FILING FEES FOR THIS APPLICATION:

- Applicant claims small entity status 37 C.F.R. § 1.27.
- A check is enclosed to cover the filing fees.
- The commissioner is hereby authorized to charge filing fees or to credit any overpayment to deposit account number 03-1721.

Basic Filing Fee (Small Entity)	\$ 355 .00
Additional Fees:	
Total Number of Claims in excess of 20: (48 – 20) x \$9	\$ 252 .00
Number of Independent Claims in excess of 3:(2 – 3) x \$40	\$ 0 .00
Multiple Dependent Claims:	<u>\$ 0 .00</u>
Total Filing Fee:	\$ 607 .00

Total filing fee amount \$ 607

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Date Filed: **June 25, 2001**

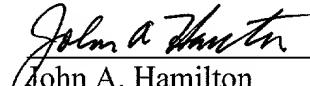
F) CORRESPONDENCE ADDRESS:

Customer Bar Code Label: _____

Correspondence Address:

John A. Hamilton
Choate, Hall & Stewart
53 State Street
Exchange Place
Boston, MA 02109
phone: (617) 248-5000
fax: (617) 248-4000

Respectfully Submitted,


John A. Hamilton
Registration No. P-48,946

CHOATE, HALL & STEWART
53 State Street
Exchange Place
Boston, MA 02109
Phone: (617) 248-5000
Fax: (617) 248-4000

Exchange 3285390v1

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FEE TRANSMITTAL for FY 2001

Patent fees are subject to annual revision

TOTAL AMOUNT OF PAYMENT (\$ 607.00)

Complete if Known

Application Number	
Filing Date	June 25, 2001
First Named Inventor	Yonina C. Eldar, et al
Examiner Name	
Group Art Unit	
Attorney Docket No.	0492611-0395

METHOD OF PAYMENT		FEE CALCULATION (continued)																																																																																																																																																																																																	
<p>1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:</p> <p>Deposit Account Number 03-1721</p> <p>Deposit Account Name Choate, Hall & Stewart</p> <p><input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17</p> <p><input checked="" type="checkbox"/> Applicant claims small entity status . See 37 CFR 1.27</p>		<p>3. ADDITIONAL FEES</p> <table border="1"> <thead> <tr> <th>Large Entity</th> <th>Small Entity</th> <th colspan="4">Fee Description</th> <th>Fee Paid</th> </tr> <tr> <th>Fee Code (\$)</th> <th>Fee Code (\$)</th> <th>Fee Code (\$)</th> <th>Fee Code (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr> <td>105</td> <td>130</td> <td>205</td> <td>65</td> <td>Surcharge - late filing fee or oath</td> <td></td> </tr> <tr> <td>127</td> <td>50</td> <td>227</td> <td>25</td> <td>Surcharge - late provisional filing fee or cover sheet</td> <td></td> </tr> <tr> <td>139</td> <td>130</td> <td>139</td> <td>130</td> <td>Non-English specification</td> <td></td> </tr> <tr> <td>147</td> <td>2,520</td> <td>147</td> <td>2,520</td> <td>For filing a request for ex parte reexamination</td> <td></td> </tr> <tr> <td>112</td> <td>920*</td> <td>112</td> <td>920*</td> <td>Requesting publication of SIR prior to Examiner action</td> <td></td> </tr> <tr> <td>113</td> <td>1,840*</td> <td>113</td> <td>1,840*</td> <td>Requesting publication of SIR after Examiner action</td> <td></td> </tr> <tr> <td>115</td> <td>110</td> <td>215</td> <td>55</td> <td>Extension for reply within first month</td> <td></td> </tr> <tr> <td>116</td> <td>390</td> <td>216</td> <td>195</td> <td>Extension for reply within second month</td> <td></td> </tr> <tr> <td>117</td> <td>890</td> <td>217</td> <td>445</td> <td>Extension for reply within third month</td> <td></td> </tr> <tr> <td>118</td> <td>1,390</td> <td>218</td> <td>695</td> <td>Extension for reply within fourth month</td> <td></td> </tr> <tr> <td>128</td> <td>1,890</td> <td>228</td> <td>945</td> <td>Extension for reply within fifth month</td> <td></td> </tr> <tr> <td>119</td> <td>310</td> <td>219</td> <td>155</td> <td>Notice of Appeal</td> <td></td> </tr> <tr> <td>120</td> <td>310</td> <td>220</td> <td>155</td> <td>Filing a brief in support of an appeal</td> <td></td> </tr> <tr> <td>121</td> <td>270</td> <td>221</td> <td>135</td> <td>Request for oral hearing</td> <td></td> </tr> <tr> <td>138</td> <td>1,510</td> <td>138</td> <td>1,510</td> <td>Petition to institute a public use proceeding</td> <td></td> </tr> <tr> <td>140</td> <td>110</td> <td>240</td> <td>55</td> <td>Petition to revive - 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late filing fee or oath		127	50	227	25	Surcharge - late provisional filing fee or cover sheet		139	130	139	130	Non-English specification		147	2,520	147	2,520	For filing a request for ex parte reexamination		112	920*	112	920*	Requesting publication of SIR prior to Examiner action		113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action		115	110	215	55	Extension for reply within first month		116	390	216	195	Extension for reply within second month		117	890	217	445	Extension for reply within third month		118	1,390	218	695	Extension for reply within fourth month		128	1,890	228	945	Extension for reply within fifth month		119	310	219	155	Notice of Appeal		120	310	220	155	Filing a brief in support of an appeal		121	270	221	135	Request for oral hearing		138	1,510	138	1,510	Petition to institute a public use proceeding		140	110	240	55	Petition to revive - unavoidable		141	1,240	241	620	Petition to revive - unintentional		142	1,240	242	620	Utility issue fee (or reissue)		143	440	243	220	Design issue fee		144	600	244	300	Plant issue fee		122	130	122	130	Petitions to the Commissioner		123	50	123	50	Processing fee under 37 CFR 1.17(q)		126	180	126	180	Submission of Information Disclosure Stmt		581	40	581	40	Recording each patent assignment per property (times number of properties)		146	710	246	355	Filing a submission after final rejection (37 CFR § 1.129(a))		149	710	249	355	For each additional invention to be examined (37 CFR § 1.129(b))		179	710	279	355	Request for Continued Examination (RCE)		169	900	169	900	Request for expedited examination of a design application		Other fee (specify) _____						SUBTOTAL (3) (\$)
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SUBMITTED BY		Complete if applicable		
Name (Print/Type)	John A. Hamilton	Registration No. (Attorney/Agent)	P-48,946	Telephone 617-248-5090
Signature	<i>John A. Hamilton</i>		Date	6/25/01

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